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(54) Title: NOVEL DERIVATIVES OF CYCLODEXTRINS

(57) Abstract

The present invention is directed to novel aminooxy-cyclodextrin derivatives of the formula (1): $CD - (X - Y - ONH_2)_n$, wherein CD is a mono- or polydeoxy α-, β-, or γ-cyclodextrin, carrying in its 6-, 3- and/or 2-position a group containing the aminooxy group, and optionally carrying substituents different from $(X-Y-ONH_2)$, Y is a linker group between the aminooxy group and the mono- or polydeoxy-CD group, X is a functional group or an atom necessary to connect the linker Y and the deoxy CD group, or Y is a direct bond when X is a direct bond, and n is ≥ 1, but ≤ 24, 21 and 18 for α-, β- or γ-cyclodextrin, respectively, the protected aminooxy derivatives thereof, as well the methods for their preparation and use.